
Mauna Loa Solar Observatory Observer's Log

Sun May 31 15:09:29 GMT 2020

Year: 20 Doy: 152

Observer: waters

WEATHER COMMENT: waters: Sun May 31 16:14:52 GMT 2020

Temp: 46.1f with windspeed at about 8-13mph from the Southeast. Sky looks clear.

____end____

Sun May 31 16:17:01 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY waters: Sun May 31 16:22:15 GMT 2020

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY waters: Sun May 31 16:22:30 GMT 2020

Windows opened upstairs

____end____

KCOR COMMENT BY waters: Sun May 31 16:27:13 GMT 2020

Kcor focus.vi kept getting two errors (and no, socketcam was not open/running) and shutting down Labview and restarting wouldn't work. Restarting computer fixed the problem.

An error has occurred in the current application

Source file: BFBrdUsrc

Line Number: 1139

Error Code: 4292

Error text: Board already opened in this process

Error 5002 occurred at BitFlow Cleanup.vi

The board must be opened before calls to other BitFlow VI's are made.

____end____

Sun May 31 16:52:32 GMT 2020 Kcor Focus/alignment program exited

Sun May 31 16:54:33 GMT 2020 KCOR Start Synoptic Patrol

Sun May 31 19:12:29 GMT 2020 KCOR End Patrol

Sun May 31 19:12:30 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun May 31 19:27:41 GMT 2020 KCOR End Calibration Script

Sun May 31 19:27:58 GMT 2020 KCOR Start Synoptic Patrol

Sun May 31 19:27:58 GMT 2020 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Sun May 31 20:19:32 GMT 2020

Dec error started oscillating between -100 to 100 arcsec. Switching between open and closed loop helped.

____end____

KCOR COMMENT BY waters: Sun May 31 21:11:36 GMT 2020

Dec error started oscillating between -100 to 100 arcsec. Switching between open and closed loop helped. But it seems like it's only helping for a few minutes before it starts again.

____end____

GENERAL COMMENT BY waters: Sun May 31 21:38:49 GMT 2020

Sorry, those dec error comments should not have been Kcor comments.

____end____

GENERAL COMMENT BY waters: Sun May 31 21:39:03 GMT 2020

Dec error seems stable.

____end____

GPS COMMENT by MLSO: Sun May 31 21:45:08 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq_2020_147_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_148_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_149_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_150_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_151_2145.bin 2147483647

____end____

GENERAL COMMENT BY waters: Mon Jun 01 00:00:50 GMT 2020

RA error jumped to 1000 arcsec and then settled. Not sure what happened, nothing is near the spar and the wind has been steady, no gusts.

____end____

Mon Jun 01 02:22:53 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Mon Jun 01 02:28:34 GMT 2020

Great day to take data; wind kept aerosols low all day.

end

ONSITE STAFF: waters